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DRAFTING DOCUMENT

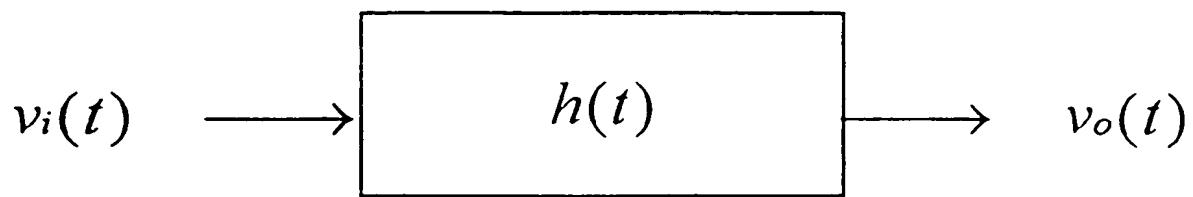
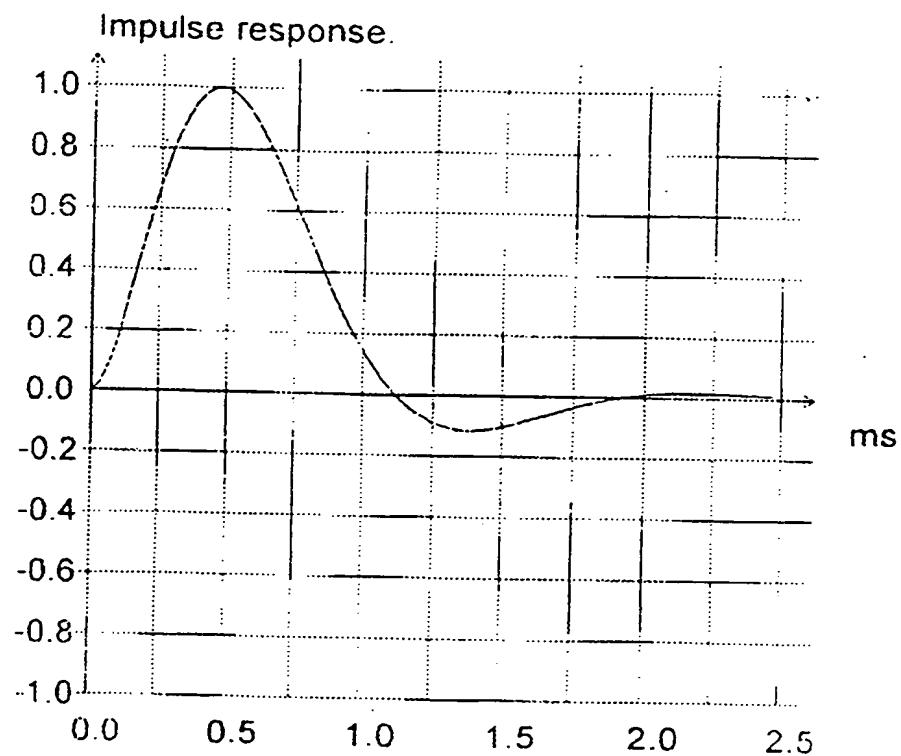


Fig. 1

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3. Order, LP, 700 Hz, Butterworth

**Fig. 2**

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3. Order, LP, 700 Hz, Butterworth

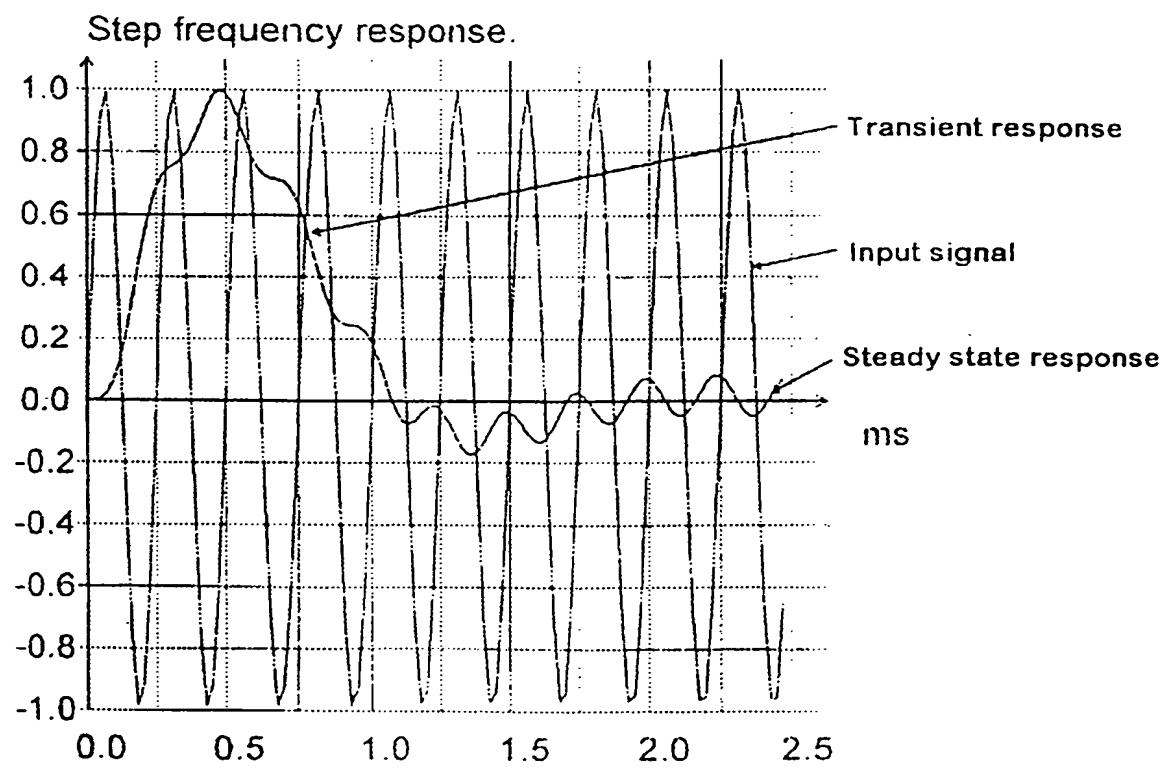


Fig. 3

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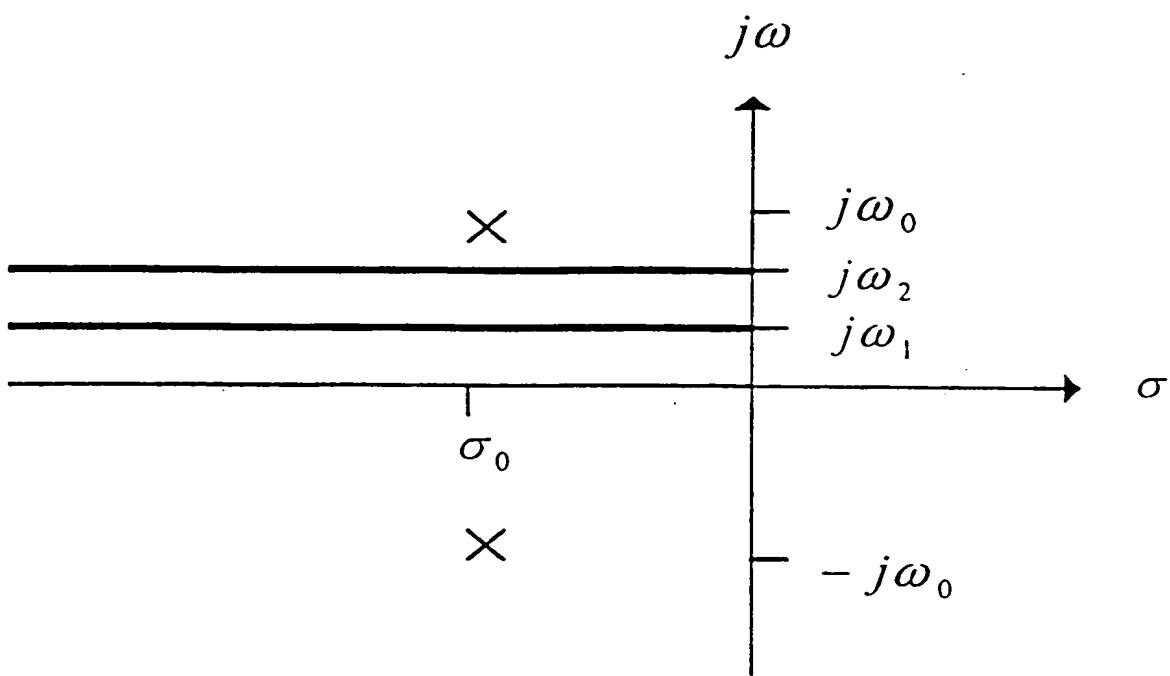


Fig. 4

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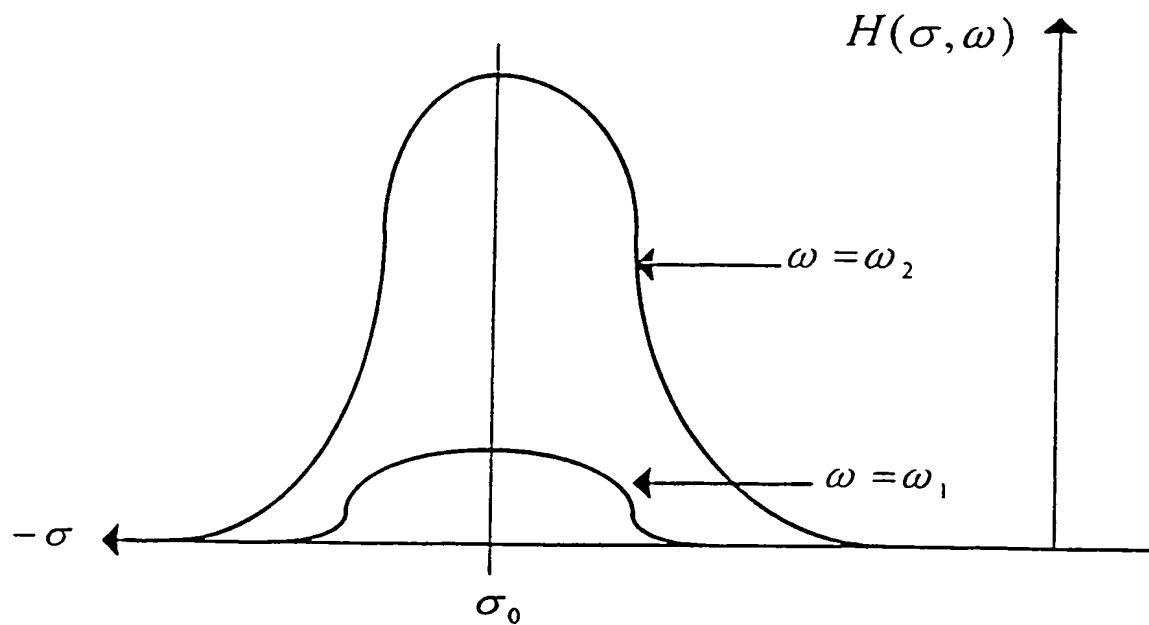
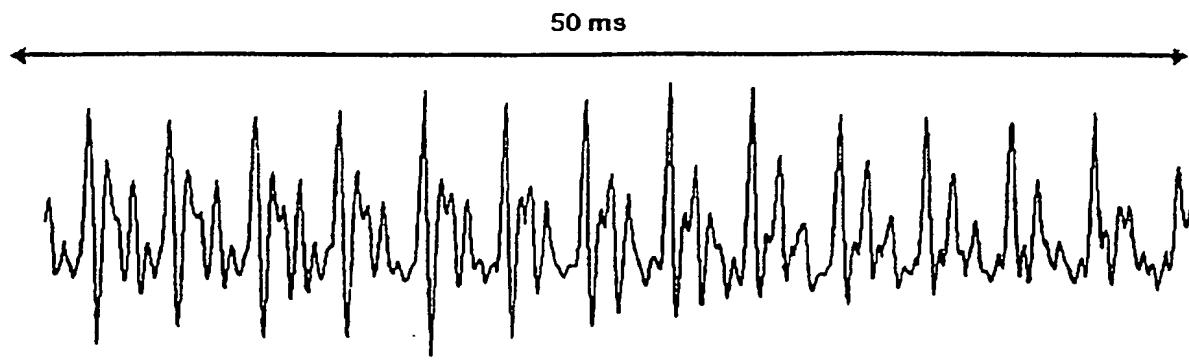
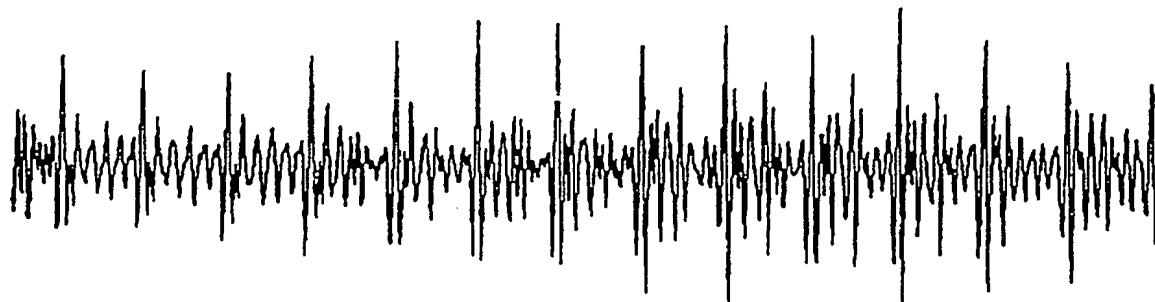


Fig. 5

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Speech signal



Transient isolation in the speech signal, band width 2150-3550 Hz

Energy detection of the transient pulses by means of envelop detection,  
rectified and low pass filtered at 700 Hz

Fig. 6

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Sigma            Max

9250	0.931	0.81633
8500	0.964	0.81633
7750	0.989	0.81633
7000	1.000	0.81633
6250	0.993	0.81633
5500	0.960	0.81633
4750	0.895	0.81633
4000	0.855	0.90703
3250	0.757	0.90703
2500	0.610	0.99773

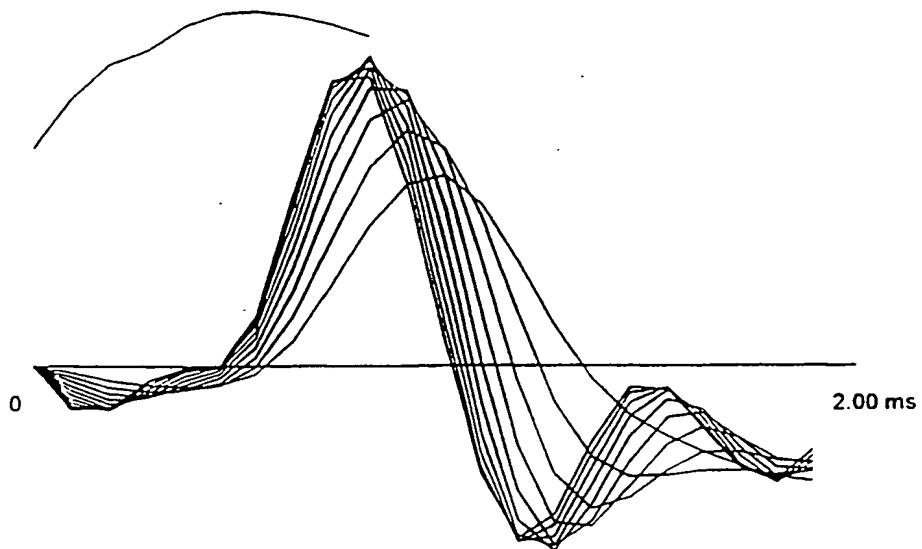


Fig. 7

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Sigma	Max
9250	0.980 0.72562
8500	0.989 0.72562
7750	0.983 0.72562
7000	0.986 0.81633
6250	1.000 0.81633
5500	0.983 0.81633
4750	0.923 0.81633
4000	0.837 0.90703
3250	0.745 0.90703
2500	0.590 0.99773

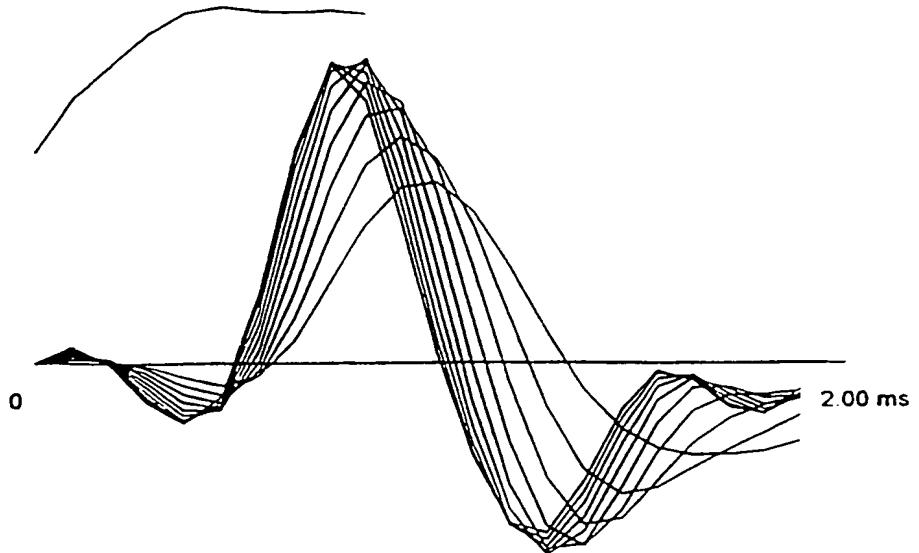


Fig. 8

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Sigma	Max
9250	0.883 0.81633
8500	0.908 0.81633
7750	0.931 0.81633
7000	0.953 0.81633
6250	0.974 0.81633
5500	0.992 0.81633
4750	1.000 0.81633
4000	0.984 0.81633
3250	0.940 0.90703
2500	0.851 0.90703

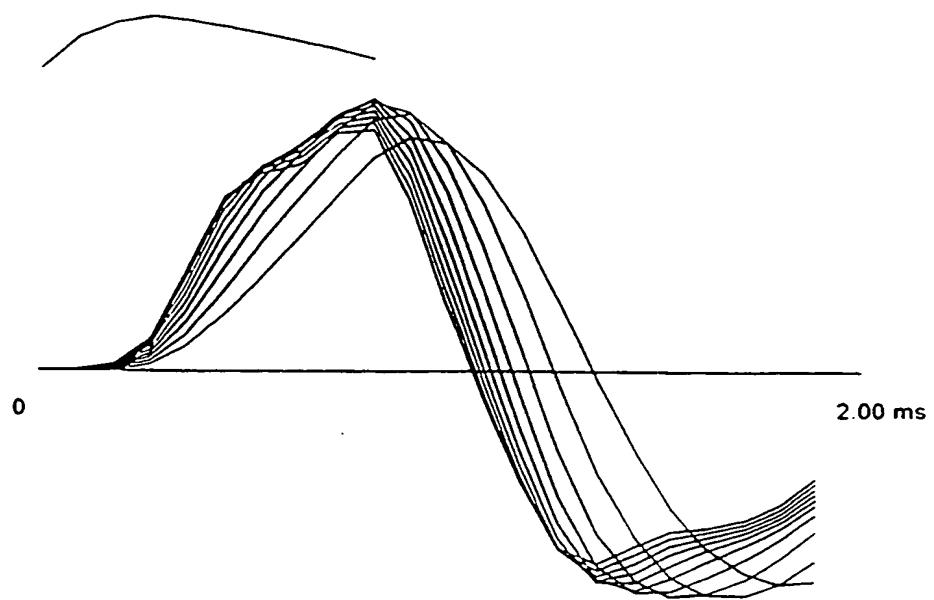


Fig. 9

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Sigma	Max
9250	0.890 0.54422
9500	0.917 0.54422
7750	0.944 0.54422
7000	0.971 0.54422
6250	0.992 0.54422
5500	1.000 0.54422
4750	0.982 0.54422
4000	0.977 0.63492
3250	0.912 0.63492
2500	0.795 0.72562

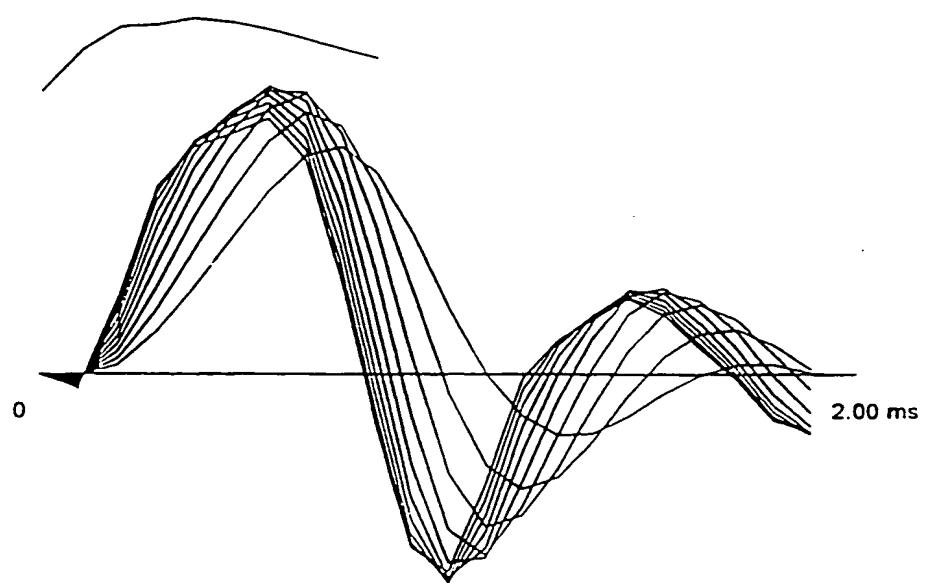


Fig. 10

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Sigma	Max
9250	0.965 0.99773
8500	0.984 0.99773
7750	0.995 0.99773
7000	1.000 0.99773
6250	0.998 0.99773
5500	0.989 0.99773
4750	0.968 0.99773
4000	0.964 1.08844
3250	0.920 1.08844
2500	0.831 1.17914

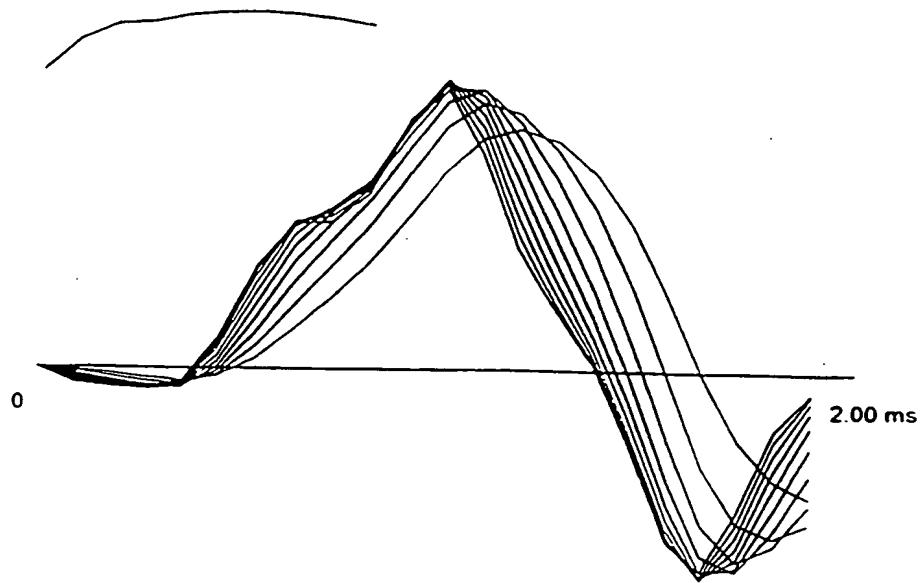


Fig. 11

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Sigma      Max

9250	0.983	0.81633
8500	0.994	0.81633
7750	0.995	0.81633
7000	0.986	0.81633
6250	0.994	0.90703
5500	1.000	0.90703
4750	0.989	0.90703
4000	0.953	0.99773
3250	0.922	0.99773
2500	0.859	1.08844

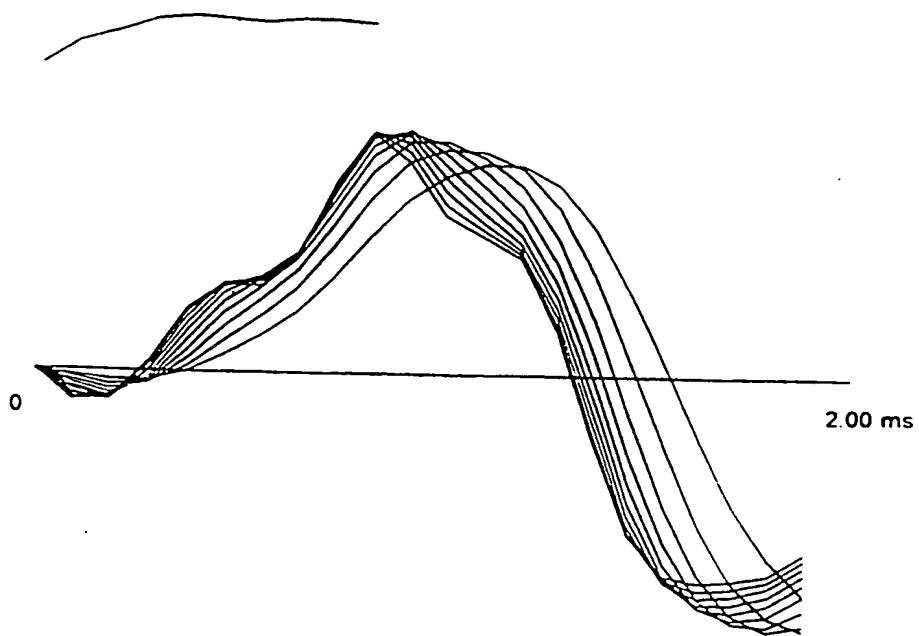


Fig. 12

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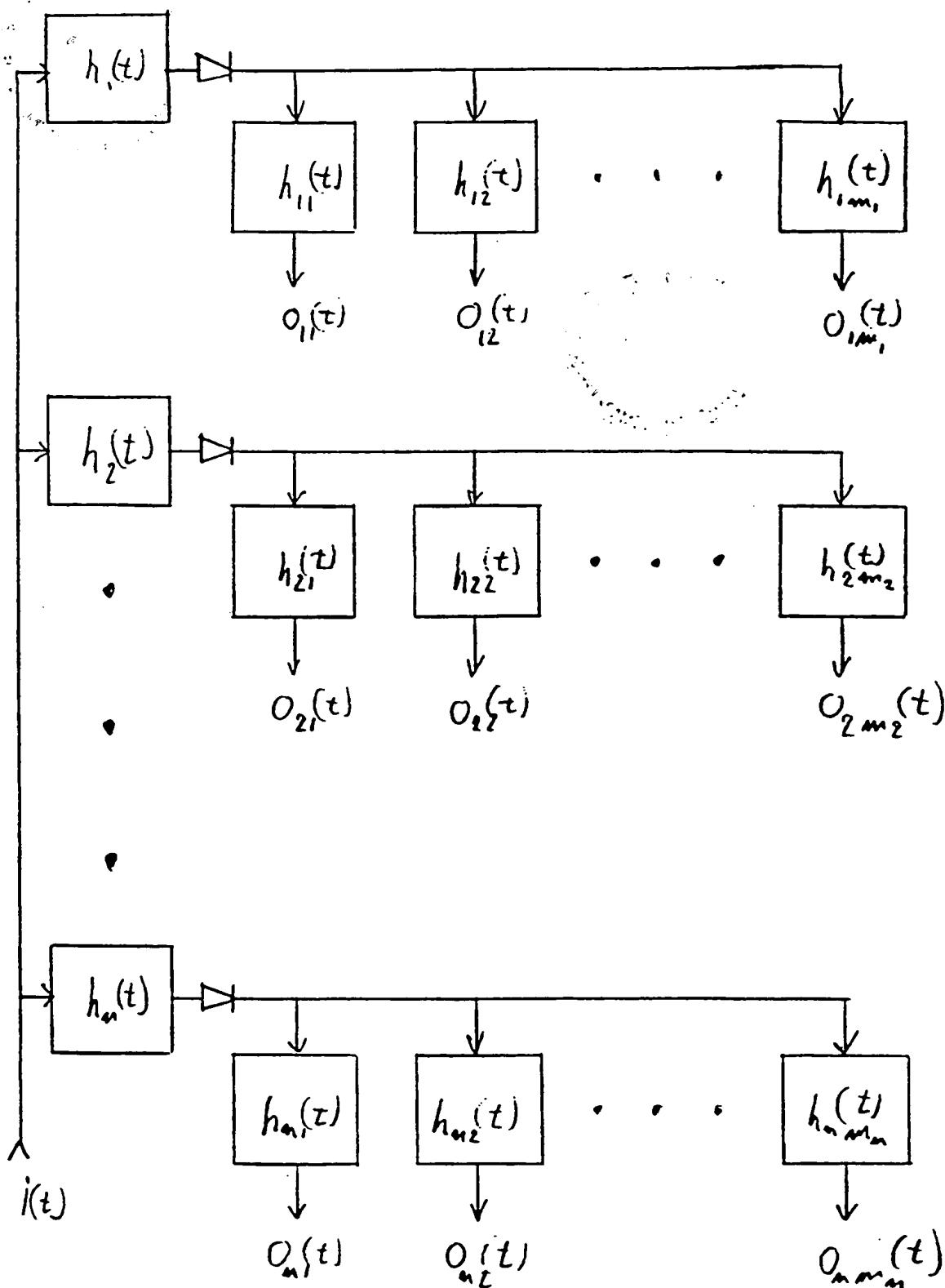


Fig. 13